



Australian Government

Department of Education, Employment and Workplace Relations

TLIL4073A Apply asset management system

Release: 1

TLIL4073A Apply asset management system

Modification History

Not applicable.

Unit Descriptor

This unit involves the skills and knowledge required to apply asset management systems. This includes identifying and classifying assets, recording assets and their condition, and maintaining an asset management system.

Licensing, legislative, regulatory or certification requirements are applicable to this unit.

Application of the Unit

Work may be undertaken in various contexts within the transport and logistics industry. The unit generally applies to those who provide leadership of others individually or in teams.

Licensing/Regulatory Information

Refer to Unit Descriptor.

Pre-Requisites

Not applicable.

Employability Skills Information

This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.

Performance criteria describe the required performance needed to demonstrate achievement of the element. Assessment of performance is to be consistent with the evidence guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
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1 Identify designated area of responsibility	
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| | 1.1 Designated area of responsibility is identified in accordance with organisational requirements |
| | 1.2 Contribution is made to the maintenance of the asset register on the basis of current and ongoing needs and in accordance with organisational requirements |
| | 1.3 Assets to be recorded in the asset register are identified in accordance with organisational requirements |

2 Record assets and their condition	
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| | 2.1 Specified details of all material assets are identified and recorded in accordance with the asset management policies and procedures |
| | 2.2 Condition of each asset is determined and corrective maintenance tasks are recorded in accordance with manufacturer specifications, relevant Australian standards and organisational requirements |
| | 2.3 If applicable, the useful/residual life of each asset is determined in accordance with manufacturer specifications and organisational requirements |

3 Maintain records within asset management system	
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| | 3.1 Records of asset management activities are updated in accordance with organisational requirements |
| | 3.2 Periodic audits are conducted to ensure accuracy of asset register in accordance with organisational requirements |
| | 3.3 Contribution is made to any review of the asset management system to ensure it is supporting business needs in accordance with organisational requirements |
| | 3.4 Guidance is provided in accordance with organisational requirements to support effective management and maintenance of the asset register |

Required Skills and Knowledge

REQUIRED KNOWLEDGE AND SKILLS

This describes the essential knowledge and skills and their level required for this unit.

Required knowledge:

- Relevant sections of national, state and territory regulatory requirements
- Relevant OH&S and environmental procedures and regulations
- Different types of asset management systems used within the organisation
- Organisation's asset management processes, procedures and standards
- Requirements for completing relevant documentation
- Different types of rail assets applicable to own area

Required skills:

- Apply the organisation's asset management processes, procedures and standards
- Determine the condition of a range of assets
- Complete documentation relating to the management of assets
- Modify activities depending on differing operational contingencies, risk situations and environments

Evidence Guide

EVIDENCE GUIDE

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required knowledge and skills, the range statement and the assessment guidelines for this Training Package.

Critical aspects for assessment and evidence required to demonstrate competency in this unit

- The evidence required to demonstrate competency in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria of this unit and include demonstration of applying:
 - the underpinning knowledge and skills
 - relevant legislation and workplace procedures
 - other relevant aspects of the range statement

Context of and specific resources for assessment

- Performance is demonstrated consistently over a period of time and in a suitable range of contexts
- Resources for assessment include:
 - a range of relevant exercises, case studies and/or other simulated practical and knowledge assessment, and/or
 - access to an appropriate range of relevant operational situations in the workplace
- In both real and simulated environments, access is required to:
 - relevant and appropriate materials and equipment, and
 - applicable documentation, including workplace procedures, regulations, codes of practice and operation manuals

Method of assessment

- As a minimum, assessment of knowledge must be conducted through appropriate written/oral tests
- Practical assessment must occur:
 - through activities in an appropriately simulated environment, and/or
 - in an appropriate range of situations in the workplace

Range Statement

RANGE STATEMENT

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance.

Area of responsibility and assets may include:

- track and components
- structures and components
- right of way and components
- plant and equipment
- signalling and electrical components
- buildings
- assets in the process of being transferred
- land
- office equipment and furniture
- vehicles
- facilities

Management activities may include:

- maintenance
- repairs
- purchases
- loss
- damage
- disposal
- installation

Depending on the organisation concerned, organisational procedures may be called:

- standard operating procedures (SOPs)
- company procedures
- enterprise procedures
- workplace procedures
- established procedures

Documentation and records may include:

- lists of assets and asset registers
- organisational standards, policies, regulations and codes of practice
- manufacturer specifications and procedures
- maintenance schedules
- asset management documentation and record systems
- relevant Australian standards and certification requirements
- relevant federal, state and territory legislation

Unit Sector(s)

Not applicable.

Competency Field

L – Resource Management